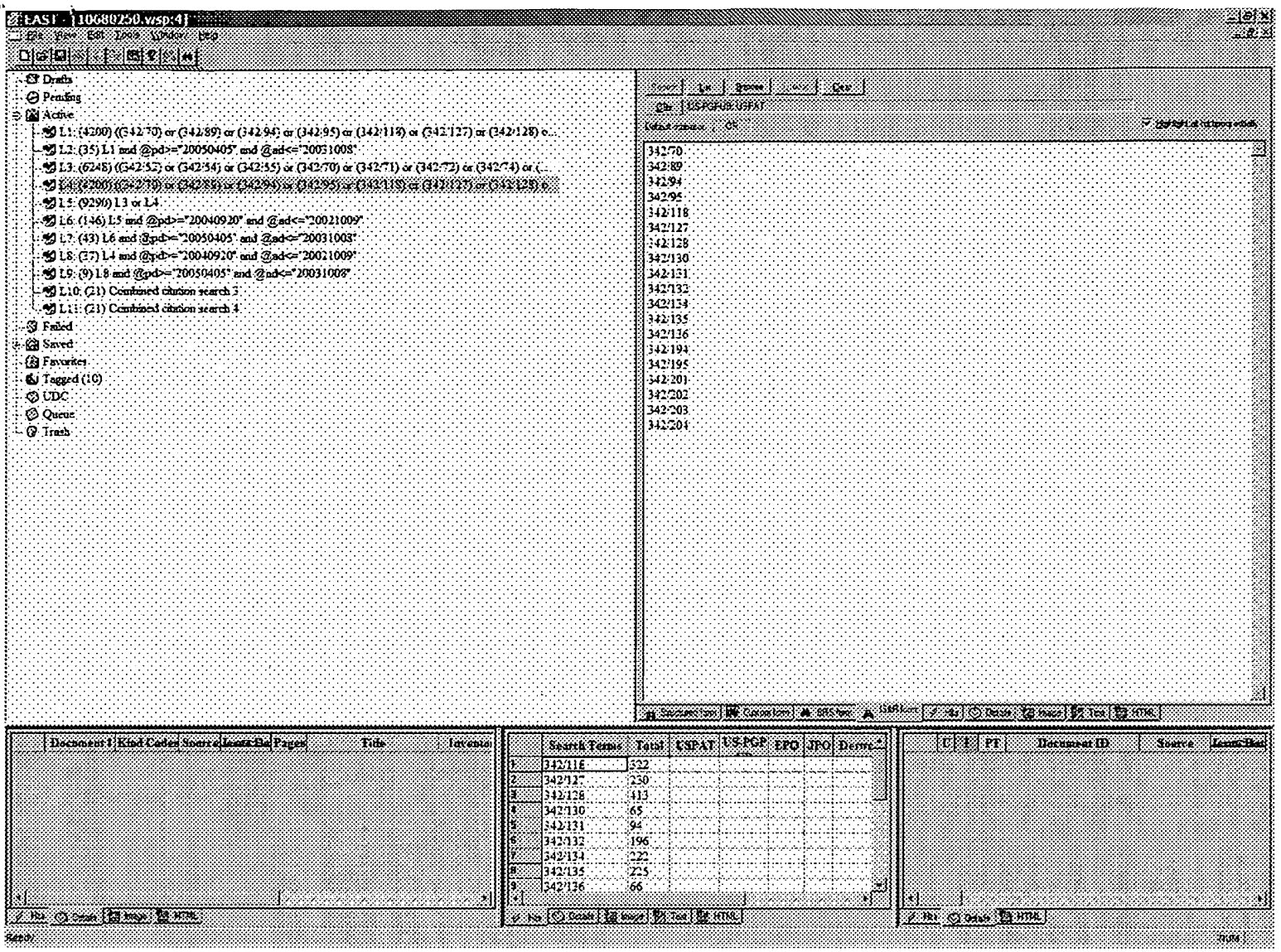
Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4200	((342/70) or (342/89) or (342/94) or (342/95) or (342/118) or (342/127) or (342/128) or (342/130) or (342/131) or (342/132) or (342/134) or (342/135) or (342/136) or (342/194) or (342/195) or (342/201) or (342/202) or (342/203) or (342/204)).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/08/15 13:47
L2	35	L1 and @pd>="20050405" and @ad<="20031008"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 13:48
L3	6248	((342/52) or (342/54) or (342/55) or (342/70) or (342/71) or (342/72) or (342/74) or (342/75) or (342/174) or (342/179) or (340/435) or (340/436) or (340/903) or (340/935) or (340/937) or (356/4.01) or (356/141.1) or (356/5.01) or (356/5.1) or (701/301)).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/08/15 13:48
L4	4200	((342/70) or (342/89) or (342/94) or (342/95) or (342/118) or (342/127) or (342/128) or (342/130) or (342/131) or (342/132) or (342/134) or (342/135) or (342/136) or (342/194) or (342/195) or (342/201) or (342/202) or (342/203) or (342/204)).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/08/15 13:48
L5	9290	L3 or L4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 13:48
L6	146	L5 and @pd>="20040920" and @ad<="20021009"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 13:48
L7	43	L6 and @pd>="20050405" and @ad<="20031008"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 13:49

L8	37	L4 and @pd>="20040920" and @ad<="20021009"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 13:49
L9	9	L8 and @pd>="20050405" and @ad<="20031008"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 13:50
L10	21	("3774206" | "4042925" | "4184154" | "4206462" | "5063560" | "5258996" | "5258997").PN. OR ("5731781"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/15 13:51
L11	21	("3538507" | "3757327" | "3978481" | "4219812" | "4222049" | "4540978" | "4697184" | "4709237" | "4743906" | "4768207" | "4782343" | "4952939" | "5191347" | "5361070" | "5512834" | "5521600" | "5682164" | "5966090").PN. OR ("6426716").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/15 13:51



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SEARCH NOTES FOR EAST AND IEEE AND INSPEC AND IP.COM

SERIAL NUMBER 10680250

EAST SEARCH

EAST: search history attached

Search terms:

IEEE SEARCH

Search terms:

pulse <and> radar <and> (distance <or> range) <and> (gate <or> gating)

NO RELEVANT ART FOUND

INSPEC SEARCH

Search terms:

pulse and radar and (distance or range) and (gate or gating)

Search strategy
No. Database Search term Info added
since Results
1 INZZ
pulse AND radar AND
(distance OR range) AND
(gate OR gating)
unrestricted 94
Saved: 15-Aug-2005, 20:06:17 CET
3
INSPEC - 1969 to date (INZZ)
Automotive *radar* sensor with communication capability.
Author(s)
Winkler-V; Detlefsen-E; Siart-U; Buchler-J; Wagner-M.
Source
Conference Proceedings. 7th European Conference on Wireless Technology, Amsterdam, Netherlands, 11-12
Oct. 2004.
In: p.305-8, 2004.

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FPGA-based signal processing of an automotive *radar* sensor.

Author(s)

Winkler-V; Detlefsen-J; Siart-U; Buchler-J; Wagner-M.

Source

Conference Proceedings. 1st European ***Radar*** Conference, Amsterdam, Netherlands, 14-15 Oct. 2004.

In: p.245-8, 2004.

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Application of reconfigurable computing to a high performance front- end *radar* signal processor.

Author(s)

Martinez-D-R; Moeller-T-J; Teitelbaum-K.

Source

Journal-of-VLSI-Signal-Processing-Systems-for-Signal-Image-and-Video-Technology (Netherlands), vol.28, no.1-2, p.63-83, May-June 2001. , Published: Kluwer Academic

Publishers.

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Solid state *radar* modulators.

Author(s)

Gaudreau-M-P-J; Casey-J-A; Mulvaney-J-M; Kempkes-M-A.

Source

Conference Record of the 2000 Twenty-Fourth International Power Modulator Symposium. 50th Anniversary

Edition, Norfolk, VA, USA, 26-29 June 2000.

Sponsors: DoD Advisory Group on Electron Devices, Army Res. Lab., Army Res. Office, Air Force Res.

Lab., Naval Surface Warfare Center, Sandia Nat. Lab., Univ. South California, Electron Devices Soc. IEEE.

In: p.196-9, 2000.

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New applications of non-linear chirp scaling in SAR data processing.

Author(s)

Wong-F-H; Tat-Soon-Yeo; Ngee-Leng-Tan.

Source

IGARSS 2000. IEEE 2000 International Geoscience and Remote Sensing Symposium. Taking the ***Pulse*** of

the Planet: The Role of Remote Sensing in Managing the Environment, vol.1, Honolulu, HI, USA, 24-28 July

2000.

Sponsors: IEEE, IEEE Geosci. & Remote Sensing Soc., NASA, NOAA, Office of Naval Res., Nat. Resouces

1

Canada, Canadian Space Agency, Nat. Space Dev. Agency of Japan, URSI.

In: p.96-8 vol.1, 2000.

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***Range* gated imaging experiments using gated intensifiers.**

Author(s)

McDonald-T-E-Jr; Yates-G-J; Cverna-F-H; Gallegos-R-A; Jaramillo-S-A; Numkena-D-M; Payton-J;

Pena-Abeyta-C-R.
Source
High-Speed Imaging and Sequence Analysis, San Jose, CA, USA, 28-29 Jan. 1999.
Sponsors: SPIE, Soc. Imaging Sci. & Technol.
In: Proceedings-of-the-SPIE-The-International-Society-for-Optical-Engineering (USA), vol.3642,
p.142-8, 1999.
COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

Radar altimeter _gate_ tracking: theory and extension.

Author(s)
Jensen-J-R.
Source
IEEE-Transactions-on-Geoscience-and-Remote-Sensing (USA), vol.37, no.2, pt.1, p.651-8, March 1999. ,
Published: IEEE.
COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

Practical considerations in _pulse-echo radar_ for short _range_ sensing.

Author(s)
McClanahan-D-L; Zuercher-J-C; Misra-D.
Source
IMTC/98 Conference. IEEE Instrumentation and Measurement Technology Conference. Where Instrumentation is Going (Cat. No.98CH36222), St. Paul, MN, USA, 18-21 May 1998.
Sponsors: IEEE Instrum. & Meas. Soc., IEEE Twin Cities Sect.
In: IEEE-Transactions-on-Instrumentation-and-Measurement (USA), vol.47, no.5, p.1078-84, Oct. 1998.
COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

Pulse-echo radar for short _range_ sensing.

Author(s)
McClanahan-D-L; Zuercher-J-C; Misra-D.
Source
IMTC/98 Conference Proceedings. IEEE Instrumentation and Measurement Technology Conference. Where
Instrumentation is Going (Cat. No.98CH36222), vol.1, St. Paul, MN, USA, 18-21 May 1998.
Sponsors: IEEE Instrum. & Meas. Soc., IEEE Twin Cities Sect.
In: p.587-8 vol.1, 1998.
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Radar range-measuring device.

Source
Patent: 1377032, UK, 27 Dec. 1972.
Application: 898, Switzerland. Priority: 21 Jan. 1972.
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IP.COM SEARCH

Search terms:

pulse and radar and (distance or range) and (gate or gating)

Result # 1 Relevance:

Wide bandwidth radar having improved signal to clutter response characteristics

12-Sep-2000 IPCOM000000205D English (United States)

Improved signal to clutter response in a radar is achieved by transmitting broad bandwidth frequency modulated noise pulses. Utilization of millisecond pulse intervals enables the radar video processor to average the independent samples present in each echo pulse so that ...

Result # 4 Relevance:

Radar Pulse Measuring

1961-10-01 IPCOM000097940D English (United States)

The system determines distance by measuring the time increment between transmitted and received pulses of a pulse radar system,

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Result # 8 Relevance:

Group orthogonal arrays for elimination of multiple-time-around echos in radars

12-Sep-2000 IPCOM000000544D English (United States)

Sets of group-complementary code arrays which have the property of being mutually orthogonal over a subinterval of their total cross-correlation function have been identified. These group-orthogonal arrays are generated by a multiplication operation upon a given ...